

132656

## SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

3/15/2004

This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 272-2511.

Date 9/15/04 Serial # 10/663,157 Priority Application Date 4/29/02 TW

Your Name M. Harris Examiner # \_\_\_\_\_

AU 2822 Phone 272-1838 Room 5A30

In what format would you like your results? Paper is the default. ☒ PAPER ☐ DISK ☐ EMAIL

If submitting more than one search, please prioritize in order of need.

Need before  
9/27

The EIC searcher normally will contact you before beginning a prior art search. If you would like to sit with a searcher for an interactive search, please notify one of the searchers.

Where have you searched so far on this case?

09-16-04 AC7:59 IN

Circle: ☒ USPT ☐ DWPI ☐ EPO Abs ☐ JPO Abs ☐ IBM TDB

Other: \_\_\_\_\_

What relevant art have you found so far? Please attach pertinent citations or Information Disclosure Statements. \_\_\_\_\_

What types of references would you like? Please checkmark:

Primary Refs ☒ Nonpatent Literature \_\_\_\_\_ Other \_\_\_\_\_

Secondary Refs ☒ Foreign Patents \_\_\_\_\_

Teaching Refs \_\_\_\_\_

What is the topic, such as the **novelty**, motivation, utility, or other specific facets defining the desired **focus** of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 8-12

Problem: see pages 1-2  
 Solution: " 110 20-4

- EPROM

- floaty gates

- Single - Poly

- selective gates

- Structure

- Method for form

## Staff Use Only

Searcher: Scott HarrisonSearcher Phone: 2-2663Searcher Location: STIC-EIC2800, JEF-4B68Date Searcher Picked Up: 9/28/04Date Completed: 9/28/04Searcher Prep/Rev Time: 240Online Time: 119

## Type of Search

Structure (#) \_\_\_\_\_

Bibliographic ☒

Litigation \_\_\_\_\_

Fulltext \_\_\_\_\_

Patent Family \_\_\_\_\_

Other \_\_\_\_\_

## Vendors

STN ☒

Dialog \_\_\_\_\_

Questel/Orbit \_\_\_\_\_

Lexis-Nexis \_\_\_\_\_

WWW/Internet \_\_\_\_\_

Other \_\_\_\_\_

SET ABB=ON PLU=ON

INDEX 'HCAPLUS, INSPEC, COMPENDEX, SCISEARCH, PASCAL, ELCOM, ENERGY, AEROSPACE, DISSABS, METADEX, ANTE, NTIS, CEABA-VTB, CONFSCI, EMA, ENTEC, FEDRIP, RDISCLOSURE, SIGLE' ENTERED AT 10:38:13 ON 28 SEP 2004

L1 QUE SOLO OR UNI OR MONO OR ONE OR SINGLE  
L2 QUE POLY OR POLYSI OR POLYSILICON  
L3 QUE EPROM# OR EEPROM#  
L4 QUE (L1(W) L2) (3A) L3  
L5 QUE CMOS OR COMP? METAL OXIDE SEMICONDUCTOR?  
L6 QUE L4 AND L5  
L7 QUE DEEP(2W) N(2W) WELL# OR DNW  
L8 QUE NEAR OR UNDER OR OVER OR ABOVE OR BELOW  
L9 QUE ISOLATION OR FLOAT?(2A) GATE# OR FG  
L10 QUE L7(2A) L8(2A) L9  
L11 QUE STRIPE?  
L12 QUE ACTIVE  
L13 QUE L11(2A) L12  
L14 QUE DUAL? OR PAIR### OR TWO OR TWIN# OR TWINNED OR BI OR DOUBL?  
L15 QUE ISLAND?  
L16 QUE L13(2A) L14  
L17 QUE SHALLOW TRENCH OR STI OR FOX OR FIELD(A)OXIDE#  
L18 QUE PLDD OR P(A) (LIGHTLY OR LDD) OR PROFILE?(2A) (LIGHTLY OR LDD)  
L19 QUE L4 AND L10 AND L12 AND L15 AND L16 AND L17 AND L18  
L20 QUE L4 AND L5 AND (L12 OR L15 OR L16 OR L17 OR L18)  
L21 QUE L4 AND (L12 OR L15 OR L16 OR L17 OR L18)  
L22 QUE SSI OR SOURCE SIDE INJECT?

FILE 'SCISEARCH, INSPEC, HCAPLUS, PASCAL, COMPENDEX, ENERGY, NTIS, DISSABS, AEROSPACE, SIGLE, CONFSCI, FEDRIP, ELCOM, ENTEC, METADEX, CEABA-VTB, ANTE, EMA, RDISCLOSURE' ENTERED AT 11:13:49 ON 28 SEP 2004

L23 0 S L6 AND L22  
L24 7 S L21  
L25 51 S L6

FILE 'INSPEC, HCAPLUS, COMPENDEX, ELCOM' ENTERED AT 11:43:05 ON 28 SEP 2004  
L26 5 DUP REM L24 (2 DUPLICATES REMOVED)

FILE 'INSPEC, HCAPLUS, COMPENDEX, ELCOM, SCISEARCH, PASCAL' ENTERED AT 11:43:34 ON 28 SEP 2004  
L27 34 DUP REM L24 L25 (24 DUPLICATES REMOVED)  
L28 4 S L27 AND P/DT  
L29 27 S L27 NOT P/DT NOT PY>2002

INDEX 'WPIX , JAPIO, JICST-EPLUS, PATOSEP, PATOSWO' ENTERED AT 11:45:45 ON 28 SEP 2004  
L30 QUE L21  
L31 QUE L6

FILE 'WPIX , JAPIO, PATOSEP, JICST-EPLUS' ENTERED AT 11:51:12 ON 28 SEP 2004  
L32 20 S (L30 OR L31)

FILE 'HCAPLUS, WPIX , JAPIO, PATOSEP, JICST-EPLUS' ENTERED AT 11:56:48 ON 28 SEP 2004  
L33 21 DUP REM L28 L32 (3 DUPLICATES REMOVED)

FILE 'INSPEC, COMPENDEX, PASCAL' ENTERED AT 11:59:31 ON 28 SEP 2004

**L34** 27 DUP REM L29 (0 DUPLICATES REMOVED)

INDEX 'HCAPLUS, INSPEC, COMPENDEX, SCISEARCH, PASCAL, ELCOM, ENERGY, AEROSPACE, DISSABS, METADEX, ANTE, NTIS, CEABA-VTB, CONFSCI, EMA, ENTEC, FEDRIP, RDISCLOSURE, SIGLE' ENTERED AT 12:01:04 ON 28 SEP 2004

L35 QUE (HUNG C? OR HUNG, C?)/AU,IN

L36 QUE (CHIH-WEI H OR CHICH-WEI, H?)/AU,IN OR L35

L37 QUE (CHENG-YUAN, H? OR CHENG-YUAN H? OR HSU, C? OR HSU C?)/AU,IN

L38 QUE L36 AND L37

FILE 'HCAPLUS, PASCAL, COMPENDEX, SCISEARCH, CONFSCI' ENTERED AT 12:04:03 ON 28 SEP 2004

L39 27 S L38

FILE 'HCAPLUS, PASCAL, COMPENDEX, SCISEARCH, CONFSCI, INSPEC' ENTERED AT 12:04:39 ON 28 SEP 2004

L40 6 DUP ONLY L39 L29

L41 21 S L39 NOT L40

L42 8 S L41 NOT P/DT NOT PY>2002

**L43** 8 DUP REM L42 (0 DUPLICATES REMOVED)

FILE 'WPIX , JAPIO, PATOSEP, JICST-EPLUS' ENTERED AT 12:23:40 ON 28 SEP 2004

L44 1577 S (CHENG-YUAN, H? OR CHENG-YUAN H? OR HSU, C? OR HSU C?)/AU,IN

L45 530 S (HUNG C? OR HUNG, C? OR CHIH-WEI H OR CHICH-WEI, H?)/AU,IN

L46 16 S L44 AND L45

INDEX 'WPIX , JAPIO, PATOSEP, JICST-EPLUS' ENTERED AT 12:28:00 ON 28 SEP 2004

L47 QUE L46 AND (L4 OR L5 OR L12 OR L15 OR L16 OR L17 OR L18)

FILE 'WPIX , JAPIO' ENTERED AT 12:33:17 ON 28 SEP 2004

L48 6 S L47

**L49** 6 DUP REM L48 (0 DUPLICATES REMOVED)